

1641

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/844,655	
	Filing Date	April 27, 2001	
	First Named Inventor	Wei Huang	
	Art Unit	1641	
	Examiner Name	Changhwa J. Cheu	
Total Number of Pages in This Submission	6+	Attorney Docket Number	LJL 357

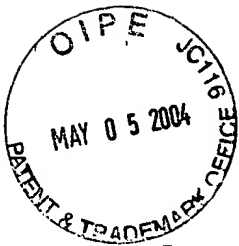
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<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	James R. Abney, Esq. Kolisch Hartwell, P.C.
Signature	<i>James R. Abney</i>
Date	May 3, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Date: May 3, 2004

WEI HUANG, MERL F. HOEKSTRA,  
J. RICHARD SPORTSMAN,  
and EWALD A. TERPETSCHNIG

Examiner Changhwa J. Cheu

Serial No. : 09/844,655

Group Art Unit 1641

Filed : April 27, 2001

For : MOLECULAR MODIFICATION ASSAYS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

**FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE**  
**STATEMENT UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98**

Applicants are submitting this Fifth Supplemental Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Fifth Supplemental Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicants respectfully request that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

## CONTENT OF DISCLOSURE

This Fifth Supplemental Information Disclosure Statement includes (1) three pages of PTO-1449 forms, and (2) a legible copy of each reference listed on the form(s).

## TIMING OF DISCLOSURE / FEE INFORMATION

This Fifth Supplemental Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Fifth Supplemental Information Disclosure Statement.

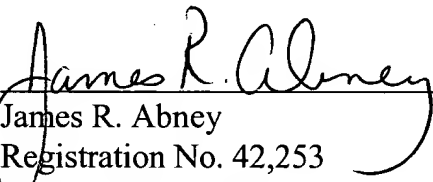
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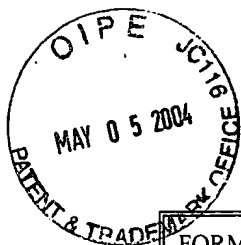
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\_\_\_\_\_  
Renee Knight

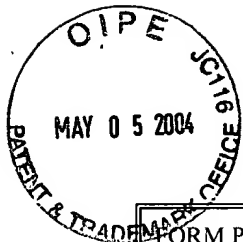
Respectfully submitted,

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SHEET 1 OF 3

FORM PTO-1449		DOCKET NUMBER LJL 357		APPLICATION NUMBER 09/844,655		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Wei Huang et al.				
		FILING DATE April 27, 2001		GROUP ART UNIT 1641		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,494,793	2/27/96	Schindele et al.			
	5,861,262	1/19/99	Chaudiere et al.			
	6,022,708	2/8/00	de Sauvage et al.			
	6,451,871	9/17/02	Winterton et al.			
	6,703,498	3/9/04	Tchaga			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	1-143874	6/6/89	Japan			XX
	1-231898	9/18/89	Japan			XX
OTHER DOCUMENTS						
	<i>Adaptation of Fluorescence Polarization Immunoassay to the Assay of Macromolecules</i> , Urios et al., <i>Analytical Biochemistry</i> , Vol. 185, No. 2, pp. 308-312, March 1990.					
	<i>Direction Observation of the Biphasic Conformational Change of DNA Induced by Cationic Polymers</i> , Minagawa et al., <i>FEBS</i> , Vol. 295, No. 1-3, pp. 67-69, December 1991.					
	<i>Accessibility of Nucleic Acid-Complexed Biomolecules to Hydroxyl Radicals Correlates With Their Conformation: A Fluorescence Polarization Spectroscopy Study</i> , Makrigiorgos et al., <i>International Journal of Radiation Biology</i> , Vol. 66, No. 3, pp. 247-257, September 1994.					
	<i>A Fluorimetric Method for the Detection of Copper-Mediated Hydroxyl Free Radicals in the Immediate Proximity of DNA</i> , Makrigiorgos et al., <i>Free Radical Biology &amp; Medicine</i> , Vol. 18, No. 4, pp. 669-678, April 1995.					
EXAMINER			DATE CONSIDERED			



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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	2-295496	12/6/90	Japan			XX
	5-123196	5/21/93	Japan			XX
OTHER DOCUMENTS						
	<i>Gmelin: Handbook of Inorganic and Organometallic Chemistry: Ga Gallium: Supplement Volume D 3 Coordination Compounds 3, Kotowski et al., pp. 152-170, 202, 209, and 262, November 1995.</i>					
	<i>Application of Fluorescence Polarization Assays in High-Throughput Screening, Owicki et al., Genetic Engineering News, Vol. 17, No. 19, pp. 1-3, 1997.</i>					
	<i>Chemistry of the Elements, Second Edition, Greenwood et al., pp. 905-925, 1997.</i>					
	<i>Homogeneous Proximity Tyrosine Kinase Assays: Scintillation Proximity Assay Versus Homogeneous Time-Resolved Fluorescence, Park et al., Analytical Biochemistry, Vol. 269, No. 1, pp. 94-104, April 1999.</i>					
	<i>Fluorescence Polarization and Anisotropy in High Throughput Screening: Perspectives and Primer, Owicki, Journal of Biomolecular Screening, Vol. 5, No. 5, pp. 297-306, October 2000.</i>					
EXAMINER			DATE CONSIDERED			

SHEET 3 OF 3

FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER LJL 357		APPLICATION NUMBER 09/844,655		
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	6-43159	2/18/94	Japan			XX
OTHER DOCUMENTS						
	<i>Microchip-Based Systems for Target Validation and HTS</i> , Sundberg et al., <u>Drug Discovery Today</u> , Vol. 5, No. 12 (Suppl.), pp. S92-103, December 2000.					
	<i>What is a Coordination Compound?</i> , internet printouts, pp. 1-5, June 9, 2002 (print date).					
	<i>Mobility Shift Screening Assays for Protein Kinase Targets</i> , Kotturi et al., <u>American Laboratory</u> , pp. 32, 34, 36, and 38-39, February 2003.					
	<i>A Homogeneous Fluorescence Polarization Assay Adaptable for a Range of Protein Serine/Threonine and Tyrosine Kinases</i> , Gaudet et al., <u>Journal of Biomolecular Screening</u> , Vol. 8, No. 2, pp. 164-175, April 2003.					
	<i>Analyst® GT Multimode Reader</i> , Molecular Devices Corporation, brochure, pp. 1-2, 2003.					
EXAMINER			DATE CONSIDERED			